Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 16 Apr 2023 until 23:59 on Monday 17 Apr 2023

Forecast Issued on Sunday 16 Apr 2023 at 03:48

Confidence: High for fairly settled conditions, with cloudy days on Sunday and Monday. Lower confidence for fog and cloud details.

Headline for Sunday 16 Apr 2023: Cloudy but largely dry.

Mountain weather hazards on Sunday 16 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Dull	Cloudy	Cloudy	Dull
Precipitation probability					
10%	20%	20%	10%	10%	10%

Forecast for Sunday 16 Apr 2023

Weather: Dry with high cloud through the early hours of Sunday. Some hazy sunshine possible first thing, before cloud thickens up and lowers from the west by late morning. One or two spots of light rain possible, but generally remaining dry. Cloudy and dull afternoon for most, perhaps a few brighter moments in the east if cloud breaks.

Chance of cloud-free hill tops above 600m: 90%. Becoming 70% for west through afternoon.

Low cloud and visibility: Cloud thickening and lowering from the west during the late morning, with patchy cloud in the west dropping to around 600m into the afternoon in the west. Eastern parts of the park likely seeing clearer summit tops with the odd bright spell possible. Visibility generally good to very good, dropping to poor or very poor in low cloud on summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 16 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 SW	9/13 SW	8/12 SW	7/11 SW	5/7 SW	4/6 S	3/5 SE
300	6/11 S	5/6 S	7/10 SW	6/9 SW	3/5 S	4/5 SE	3/4 SE
Valley	3/11 S	3/7 S	5/10 SW	5/9 SW	2/5 S	3/5 E	3/5 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	6/3	7/5	8/6	8/7	7/6	7/6
300	8/6	8/7	10/8	10/9	10/10	9/9	9/9
Valley	8/7	9/8	10/9	11/10	11/11	10/9	9/9
Freezing Level*	1200m	2000m	2200m	2200m	2200m	2200m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Largely cloudy today, though with moderate UV levels any brightness could see the need for sun protection.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 16 Apr 2023	0mm	11mm	12.4mm

Forecast for Monday 17 Apr 2023

Weather: Dry with low cloud across most of the park through early Monday morning. Cloud breaking and lifting through the morning, with clear skies and sunshine developing into the afternoon. Low cloud and fog may push into eastern slopes late into the evening.

Maximum wind: South-easterly 10mph.

Chance of cloud-free hill tops above 600m: 70% early, improving to greater than 95% later.

Low cloud and visibility: Occasional low cloud at first, with bases down to around 500-600m. Lifting to above the summits through the morning, with clear skies later. Visibility generally good to start, falling to poor or very poor in low cloud, and then becoming excellent through the afternoon as skies clear.

Temperature: **Valleys:** Plus 7 Celsius, rising to Plus 13 Celsius.
At 600m: Plus 6 Celsius, rising to Plus 10 Celsius.
Freezing level: Comfortably above the summits.

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